Epoxyacrylate UHVO-21905

Description:

UHVO-21905 is a di-functional epoxyacrylate, diluted with 65 % TMPTA. The material is characterized by its light colour, low odour, and high reactivity. It is compatible with a wide range of monomers and oligomers.
It contributes to superior properties of the cured film, like high gloss, toughness, chemical resistance, good adhesion to various substrates, and high heat resistance.

Application:

UHVO-21905 is recommended for the use in radiation curing printing inks and overprint varnishes. The product is also suitable for the use in wood coatings, wood fillers and topcoats, in coatings for cardboard, paper, chipboard and rigid plastics or in adhesives for paper lamination.
UHVO-21905 is very interesting for low energy curing applications.

Typical properties:

Property	Typical value
Appearance	clear viscous liquid
Colour (Gardner)	Max. 2
Average functionality	2
Viscosity Ford Cup B4 @ 30 °C [s]	150 – 170
Acid value [mg KOH/g]	Max. 2
Diluent	65 % TMPTA

Storage:

Energy curing products should not be exposed to temperatures higher than 40 °C for prolonged period of time or to direct sunlight. Typical storage temperature should be between 15 – 30 °C.

Shelf Life:

The product has a shelf life of at least 12 months from the date of manufacture.

Safety:

When handling this product, please work according to the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.